

ABSTRACT

Disclosed is a medical device which operates as a supporting splint for the treatment of orthopedic conditions. Said device is an inflatable, flexible, lightweight water-resistant splint whose measure of rigidity is easily controlled by the user. According to the present invention there are several embodiments of the splint, each suited to fit a different body part such as the limbs, the torso, the chest and the neck. Said device which is constructed of inflatable tubes is made of two nylon layers soldered together and is coated with polyurethane. The tubes may be inflated by an attachable hand pump or by other means of supplying air pressure. The present invention is especially designed to allow the normal blood circulation to the treated body part, provide ventilation to the area and enable easy inspection of an injury.

BEST AVAILABLE COPY